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(54) **Super off-stoichiometric combustion method**

(57) A combustion method which employs highly fuel-rich combustion (R) and highly fuel-lean combustion (L) separately and simultaneously within a combustion

zone (2) followed by intermixture of their resulting gases within the combustion zone for further combustion.

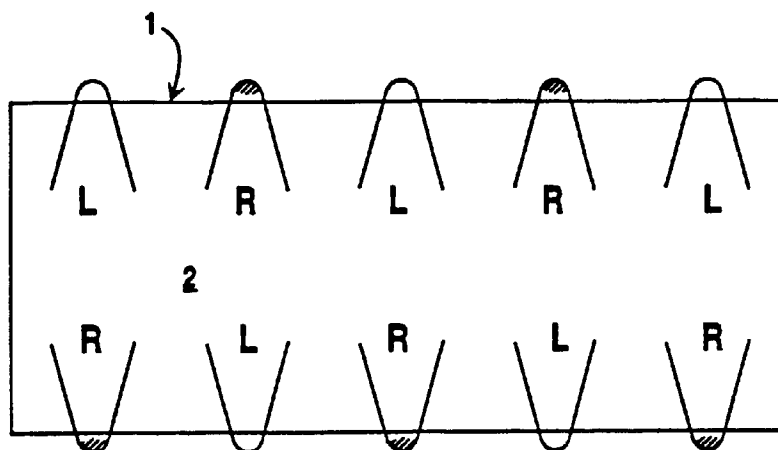


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 10 2189

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	US-A-5 242 296 (TUSON GEOFFREY B ET AL) 7 September 1993 * the whole document *	1-9	F23C6/00 F23L7/00
Y	--- PATENT ABSTRACTS OF JAPAN vol. 008 no. 207 (M-327) ,21 September 1984 & JP-A-59 095309 (BABCOCK HITACHI KK) 1 June 1984, * abstract *	1-9	
A	--- EP-A-0 385 499 (MITSUBISHI HEAVY IND LTD) 5 September 1990 * claim 1; figure 1 *	1	
A	--- US-A-4 511 325 (VOORHEIS TEMPLE S) 16 April 1985 * claim 1; figures 1,2 *	1	
A	--- PATENT ABSTRACTS OF JAPAN vol. 012 no. 164 (M-698) ,18 May 1988 & JP-A-62 280507 (MITSUBISHI HEAVY IND LTD;OTHERS: 01) 5 December 1987, * abstract *	1-4	TECHNICAL FIELDS SEARCHED (Int.Cl.6) F23C F23L
A	--- PATENT ABSTRACTS OF JAPAN vol. 007 no. 244 (M-252) ,28 October 1983 & JP-A-58 129105 (MITSUBISHI JUKOGYO KK) 2 August 1983, * abstract *	1	
A	--- PATENT ABSTRACTS OF JAPAN vol. 007 no. 102 (M-211) ,30 April 1983 & JP-A-58 024706 (KOBE SEIKOSHO KK) 14 February 1983, * abstract *	1	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		28 February 1996	Coli, E
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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